

CLAIMS

1. A method for transmitting parking-related data to a user in a parking fee system, in which the user records parking data when the parking commences into a parking fee register of the parking fee system, said method comprising:

retrieving on the basis of the parking data from the parking fee register of the parking fee system application data that includes at least the tariff and the expiration time of the parking, if such an expiration time has been defined,

sending the application data to the mobile station of the user,

activating an application utilizing the application data in the mobile station of the user, the application offering the user by utilizing the tariff a chance to keep track in real time of at least the sum of the accrued parking fee and the remaining parking time, if the expiration time has been defined.

2. A method as claimed in claim 1, wherein a program code of the application is entirely included in the application data to be sent.

3. A method as claimed in claim 1, comprising

storing the program code of the application in a memory of the mobile station,

sending application data, which includes data related to only the parking event in question, to the mobile station, in the memory of which the program code of the application is stored, and

activating the application stored in the memory to utilize the application data sent.

4. A method as claimed in any one of claims 1 to 3, comprising

maintaining a log file in the memory of the mobile station by storing the data concerning the accrued parking fees into said log file.

5. Parking fee system comprising:

a tariff database for maintaining data on the tariffs of the areas within the system, based on which the parking fees in the areas concerned are charged,

a parking fee register including means for maintaining parking data on the vehicles belonging to the system, for which the parking fee register has received parking data indicating the commencement of the parking, said parking fee register being configured to

send application data to a mobile station of the user of a determined vehicle in response to the reception of the parking data indicating the commencement of the parking of said vehicle, the application data including at least a tariff retrieved from the tariff database on the basis of the parking data and the expiration time of the parking, if such an expiration time has been defined, the application data initiating an application in the mobile station of the user, which utilizing said tariff offers the user a chance to keep track in real time of at least the sum of the accrued parking fee and the remaining parking time, if the expiration time of the parking has been defined.

6. A system as claimed in claim 5, wherein the parking fee register is configured to receive location information from a mobile network that indicates the location of the mobile station of the user while receiving the parking data, and based on the location information to determine the area, in which the parking has taken place.

7. A system as claimed in claim 5 or 6, wherein the parking fee register is configured to send application data to the mobile station of the user, the application data including area-specific instruction data that can be utilized to initiate an application in the mobile station of the user to provide instructions to the user of the mobile station in predetermined situations.

8. A system as claimed in claim 5, wherein the parking fee register is configured in response to a registration indicating the termination of the parking of a particular vehicle to send a predetermined deactivation command to the mobile station of the user of the vehicle that deactivates the application initiated in the mobile station.

9. A mobile station comprising:

a receiver for receiving application data, and

a display for displaying information to the user of the device, the mobile station being configured by means of the received application data to:

calculate an accrued parking fee utilizing a tariff included in the application data,

calculate the remaining parking time, if the application data shows that the expiration time of the parking has been defined, and

provide the display with information that show at least the sum of the accrued parking fee and the remaining parking time, if the expiration time of the parking has been defined.

10. A mobile station as claimed in claim 9, wherein the mobile station is configured to maintain in memory a log file by storing data concerning the accrued parking fees into the log file.

11. A computer program configured to control an apparatus after activation to

calculate an accrued parking fee utilizing a tariff received by the apparatus,

calculate the remaining parking time, if the apparatus has received a piece of information indicating the expiration time of the parking, and

provide a display with information indicating at least the sum of the accrued parking fee and the remaining parking time, if data concerning the expiration time of the parking has been received.

12. A computer program as claimed in claim 11, wherein the computer program is configured to control the apparatus to maintain in memory a log file concerning the accrued parking fees by storing a note into said log file concerning the accrued parking fee in response to a deactivation command of the computer program.